What is claimed is:

1. An apparatus for coupling download feeds from a satellite to a server/switch, comprising a satellite transceiver card receiving broadband data through said download feeds, wherein said satellite transceiver card dynamically allocates bandwidth.

2. An apparatus for coupling download feeds from a satellite to a server/switch, as recited in claim 1, wherein said satellite transceiver card is a TDMA based transceiver.

3. An apparatus for coupling download feeds from a satellite to a server/switch, as recited in claim 1, wherein said satellite transceiver card is a single carrier per channel based transceiver.

4. An apparatus for coupling download feeds from a satellite to a server/switch, as recited in claim 1, wherein said satellite transceiver card can adapt to one of different data rates, different frequencies, and different data rates and frequencies.

5. An apparatus for coupling download feeds from a satellite to a server/switch, as recited in claim 4, wherein said satellite transceiver card comprises at least one high speed receiver receiving at least one high speed downlink channel.

6. An apparatus for coupling download feeds from a satellite to a server/switch, as recited in claim 4, wherein said satellite transceiver card comprises at least one uplink transmitter.

7. An apparatus for coupling download feeds from a satellite to a server/switch, as recited in claim 6, wherein said uplink transmitter is one of a single carrier per channel, a TDMA based system, and an adaptive system allowing dynamic reconfiguration of one of uplink channel bandwidth, frequency, and bandwidth and frequency.

8. An apparatus for coupling download feeds from a satellite to a server/switch, as recited in claim 6, wherein said transmitter adapts to one of a number of different frequencies, different channels and different frequencies and channels.

9. An apparatus for coupling download feeds from a satellite to a server/switch, as recited in claim 8, wherein said different channels include 32K, 64K, 128K, 256K, and a higher speed TDMA link.

10. An apparatus for coupling download feeds from a satellite to a server/switch, as recited in claim 6, wherein said satellite transmitter comprises adaptive circuitry, so that an earth station may dynamically reconfigure the uplink bandwidth to add additional channels, switch to higher capacity channels, and add additional channels and switch to higher capacity channels, so that said earth station adapts to changes in demand.